

SENTROL 2850

**100% DIESTER BASED
SYNTHETIC COMPRESSOR FLUID
(GROUP V)**

DESCRIPTION:

SENTROL 2850 is a SAE 30 (ISO Viscosity Grade 100), 100% synthetic compressor lubricant fully formulated from the highest quality diester based fluids.

SENTROL 2850 is recommended for lubricating air compressor casing and where a fluid of this viscosity is required.

BENEFITS:

- Higher compressor efficiency
- Reduced systems deposits
- Lower energy costs
- Longer lubricant service life
- Higher compressor reliability
- Safer compressor operation

PRODUCTS FEATURES:

- Clean operation - lowest deposit forming tendencies
- Extended lubricant life - excellent high temperature stability
- Long bearing life - superior anti-wear performance
- Less maintenance - excellent rust and corrosion protection
- Wide temperature range - high flash and fire points, low pour point
- Lower oil consumption – very low volatility
- High separation efficiency - excellent demulsibility characteristics
- Long lasting life – Air-Oil Separator
- Approved by USDA for H-2 (formerly BB) service

APPLICATIONS:

- Circulating and splash lubricated compressor systems
- Segments and cylinders of piston air compressors
- Air line oilers serving valves/cylinder on pneumatic equipment
- Gear, bearing, hydraulic and chain applications operating beyond petroleum oil capabilities.



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COMPATIBILITY:

SENTROL 2850 is compatible with petroleum compressor lubricants, however, blending or mixing with other fluids will reduce its high performance characteristics.

SENTROL 2850 is recommended for use with fluorocarbon (Viton), fluorosilicone, polysulfide and high nitrile Buna-N elastomers. It is not recommended for use where neoprene, natural rubber, styrene-butadiene rubber (SBR, Buna-S), butyl rubber, or low nitrile Buna-N seals are present.

SPECIFICATIONS:

PROPERTIES	Specifications	Typical	Method
Viscosity @ 100°C (212°F), cSt	9.1 - 9.9	9.5	ASTM D-445
Flash Point, °C, COC	249 min	263	ASTM D-92
Density, lb/usg @ 15.6°C/15.6°C	7.95 - 9.01	7.98	ASTM D-1298
Total Acid Number, mgKOH/g	0.5 max	0.2	ASTM-D-664
Water Content, wt %	0.05 max	0.02	ASTM D-1744

TYPICAL PROPERTIES:

PROPERTIES	Typical	Method
Viscosity @ 40°C (104°F), cSt	99	ASTM D-445
Viscosity Index	61	ASTM D-2270
Pour Point, °C (°F)	-34 (-30)	ASTM D-97
Fire Point, °C (°F)	293 (560)	ASTM D-92
Auto-ignition Temperature, °C (°F)	427(800)	ASTM D-2155
Evaporation Loss, 22 hours @ 98.9 °C (210 °F), %	0.2	ASTM D-972
Conradson Carbon Residue, wt %	0.02	ASTM D-189
4-Ball Wear Scar, mm 1 hr, 1200 rpm. 40 kg, 75°C (167°F)	0.42	ASTM D-2266
Demulsibility @ 54°C (130°F)	42-38-0 (5)	ASTM D-1401
Rust Test, 48 Hours - Distilled Water - Sea Water	Pass Pass	ASTM D-665A ASTM D-665B
Appearance	Amber Liquid	Visual